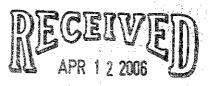
# Meeting Minutes Transmittal/Approval Unit Managers' Meeting

UUUUAJJ

200 Area Groundwater and Source Operable Units 1200 Jadwin Avenue, Richland, Washington January 16, 2006

	Avast
APPROVAL:	Date: 7-10-06
Larry Romine, 200 Area Unit Manager, DOE/RL	
APPROVAL: Chlene Tinton	Date: 4/11/06
Arlene Tortoso, 200 Area Assistant Manager, DO	E/RL
	1/2/2
APPROVAL: Carlemeron	Date: 4/3/06
Craig Cameron, 200 Area Unit Manager, EPA	
	4/2/2006
APPROVAL: 10 h D. TV	Date! / 0/ 2000
John Price, 200 Area Unit Manager, Ecology	A Secretary
	Colored Sylver



**EDMC** 

### Meeting Minutes are attached. Minutes are comprised of the following:

Attachment 1 Attendance Record

Attachment 2 Agenda

Attachment 3 Groundwater Operable Units Status

Attachment 4 Groundwater Operable Units Status Figures

Attachment 5 Source Operable Units and Facilities Status

Attachment 6 Source Operable Units and Facilities Figures

Attachment 7 Agreements and Issue Resolution Meeting

Attachment 8 TPA-CN-146 for 200-PW-1, -PW-3 and -PW-6

Attachment 9 TPA-CN-147 for 200-MW-1 OU

Attachment 10 Action Item List

### 200 Area Unit Managers Status Meeting January 19, 2006

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
DibGoswami	Ecology	Sitewille	372-7902
Veannette Hyatt	FH	Env. Protection	376-7923
Choria Cummines	F14	EP	372-2484
Stewer Cimon	MEGON		591)9630853
ROB 811880	FH	TOA	373-3285
Mark Byrnes	FH	Task Lea &	373-3996
James Illians	EH	waste orten	372-3550
Virginia Rohay	FH	200-PW-1	373-3803
John Winterhalder	FH	Enu	372-8144
Rod Lobos	EPA		
Dennis Falle	50A		8
Stuart Luttrell	PNNL	GWMon	376-6023
JB00les	EH	60	37>-8304
Jew Oknni	ECY	Permilled	372-7936
Long Flans	FH	BP-5TL	373-3907
Craig Cameron	EPA		376-8665
Artene Tortoso	DOE	200-Are	373-9631
Zelma Jackson	Ecology	200- AREA	372-7910
Lanny Dusch	FH	200-Aprila	438-1756
Brient Chartoneaue	Z.	6W	373-6135

### 200 Area Unit Managers Status Meeting January 19, 2006

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Mary Todd Robertson	FH	Mgr, 200 arec leasterite Report	373-3920
Mary Todd - Kobertson	F.H	CP-5"M	373-9980
Jenne Stuts	Ecology	200 ares	372-7956
Mah Benedic	FH 00	BC Controlly NW-1	6-0002
John Price	Ecology	Proj. Mar.	372-7921
	4		

### 200 AREA UNIT MANAGERS' MEETING AGENDA

1200 Jadwin/Rm 1-C1 January 19, 2006

### **GROUNDWATER OPERABLE UNITS STATUS** (8:30-9:15)

### **SOURCE OPERABLE UNITS AND FACILITIES STATUS** (9:15-9:45)

### **ISSUE RESOLUTION MEETING** (10:00-11:30)

• (See Issues List)

### General

- Outstanding Action Items
- · Open for Regulatory Topics or Action Items
  - TPA Change Package Approvals

# 200 AREA UNIT MANAGERS' MEETING GROUNDWATER OPERABLE UNITS STATUS

1200 Jadwin/Rm 1-C1 January 19, 2006

### **GROUNDWATER OPERABLE UNITS STATUS**

### 200-UP-1 OU

- Rebound Study (Attachment 4, Figures 1-4):
  - Study started January 26.
  - Tc-99 and uranium concentrations remain below interim remedial action objectives in all monitoring wells.
  - We will be meeting with Ecology January 25, 2006, to discuss rebound study results.
- RI/FS Work Plan:
  - One of the six UP-1 wells (UP11) has been installed. A second well (UP2) has now reached total depth.
- RI Report:
  - On hold since Ecology is requiring 2 years of analytical data from the 12 new wells be included in the RI Report.
- Float table is on hold pending completion of Tri-Party discussions on M-15 milestones.

### 200-ZP-1 OU

- Remediation Treatment Status:
  - Between October 1 and January 1, 2006 the 200-ZP-1 pump-and-treat system our average pumping rate was 201 gpm (Attachment 4, Figure 5).
  - Seven of the nine extraction wells are currently online. We are currently pumping at ~221 gpm. The two wells that are offline will be brought back on line next week. They have spend around 200 hours working on this the past couple of weeks.
- DNAPL Investigation Status:
  - The DOE-RL contract for FH to assist Vista Engineering in hooking up well 299-W15-6 to the 200-ZP-1 treatment system has just today been returned to DOE-RL. We should be ready to start in the next week or so.
  - Vista is still waiting for loading testing on Z-9 cover prior to perform thermal measurements beneath cover.

### Science & Technology

 PNNL noted that they will be conducting a pump back tracer test at 200-ZP-1 as described in a test plan provided last year. They will report the results in a future UMM.

### New Well Status:

 Currently scheduled to drill 3 new wells in March 2006 and 3 new wells in FY2007 (if needed) to help define extent of deep CCL4 contamination detected in vicinity of Old Laundry Facility and T Plant.

### RI/FS Status:

- Remedial Design report has been updated and is on its way over to DOE-RL.
- RI Report internal draft will be done in 2 weeks. A small amount (.18%) of the HEIS data was recorded as zero in the early 1980's.
- Feasibility Study/Proposed Plan is scheduled to begin March 6, 2006.
- FH held a meeting with DOE-RL and Rick Dinicola (USGS) on January 9, 2006 to discuss the viability of running a treatability study using "Enhanced Insitu Bioremediation", DOE-RL concluded that there is no need to run any treatability studies at this time. EPA clarified that they did not see bioremediation as a viable alternative.

### Tc-99 Investigation Status:

- The initial draft of the DQO summary report is being revised based on the initial review by the FH-PNNL-CHG DQO technical team.
- Well 299-W11-45 (C4948) ("T-2") is being completed.
- Well C4990 (T-3) at 90 feet

### 200-PO-1 OU

- SAP:
  - The Sampling and Analysis Plan was transmitted to Ecology waiting on approval. Ecology will send a place holder letter.
- DQO Report:
  - On hold. Ecology waiting on legal input to determine regulatory path forward.

### 200-BP-5 OU

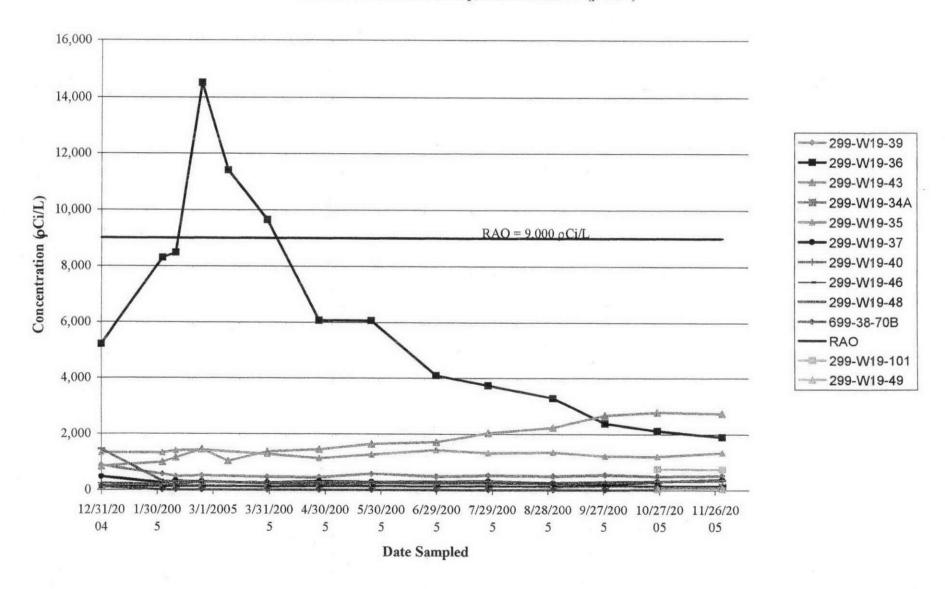
- DQO Report:
  - The draft DQO report is approximately 65% completed.
    - Brainstorming session with the contractors was completed January 4<sup>th</sup>, 2006.
  - Internal review is planned starting February 13, 2006.
    - Two weeks are planned for review and two weeks for comment resolution.
  - The DQO is scheduled to be sent for review by the stake holders March 20<sup>th</sup>.

- SAP:
- Plan to drill three monitoring wells late this spring. Will initiate drilling SAP in February after completion of the draft DQO
- New Wells:
  - Plan to drill three monitoring wells late this spring.
    - Two wells to define the uranium plume located to the northwest of the BY tank farm and one well to define contamination in the Rattlesnake Ridge confined aquifer upgradient of the 299-E33-12 well.
- Modeling:
  - The geostatistical model for BP-5 is being delayed while new modeling refinements are underway. It is believed that a geostatistical model completed in FY07 or FY08 would be more relevant once inventories are better defined by well placement and sampling through the DQO.
- Science & Technology
  - A discussion was held on the status of calibrating High Resolution Resistivity (HRR) data with well data. Arlene Tortoso took an action to find out what DOE-ORP has found in their investigations. It was noted that the planned 216-A-4 borehole could provide the next opportunity to ground truth the HRR data.

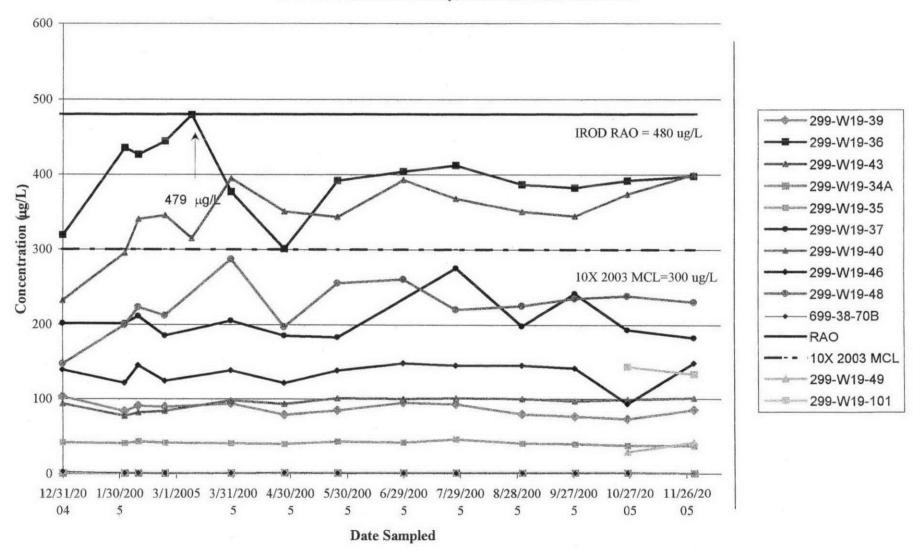
### 200-PW-1 (200-ZP-2) OU

- Soil Vapor Extraction System (SVE):
  - The system was shutdown October 18, 2005 for the winter.
- The passive system remains operational.
- Monthly monitoring (Attachment 4, Figures 6-8)
  - Comparison of Maximum Carbon Tetrachloride Rebound Concentrations.
  - Monthly Carbon Tetrachloride Concentrations for monitoring wells update.
  - Soil Gas Vapor Concentrations at passive wells update.

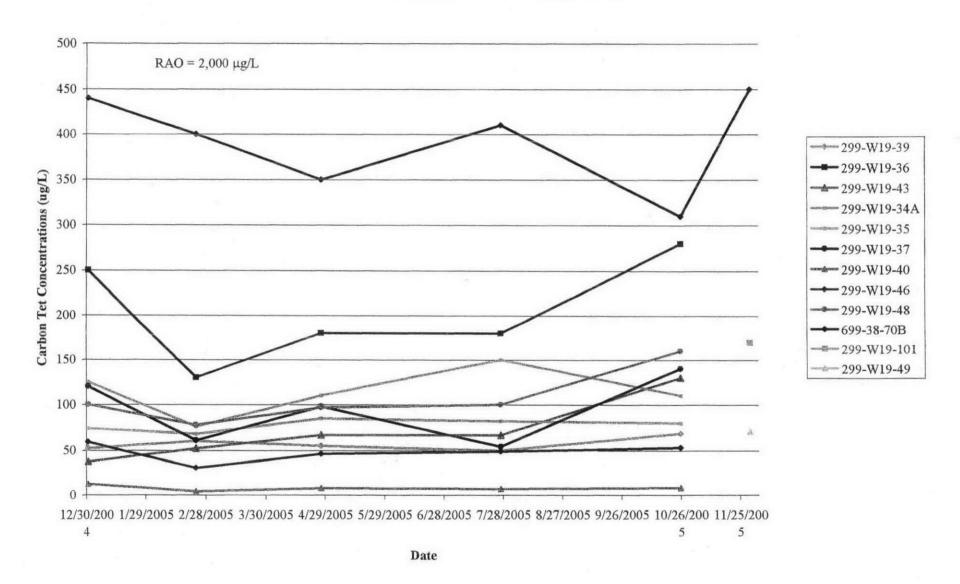
200-UP-1 Rebound Study, Technetium-99 (pCi/L)



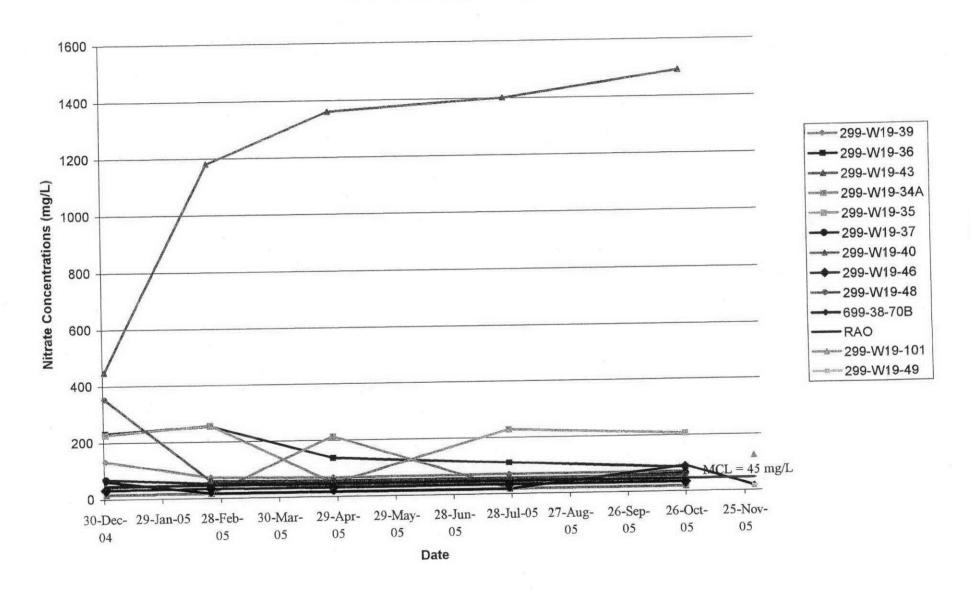
200-UP-1 Rebound Study, Uranium Concentrations



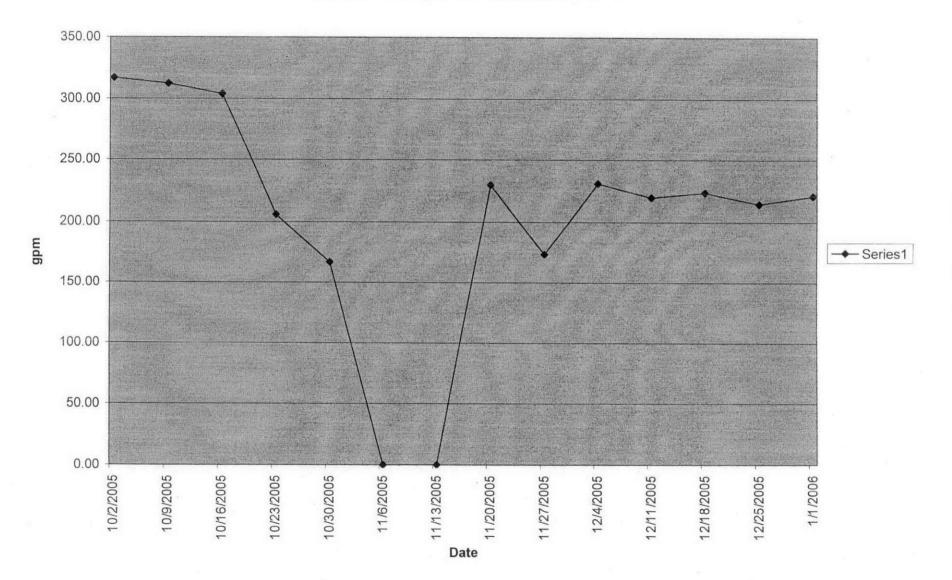
### Carbon Tetrachloride Rebound Study, 200-UP-1



Nitrate - Rebound Study 200-UP-1



200-ZP-1 Pump-And-Treat Performance



# Comparison of Maximum Carbon Tetrachloride Rebound Concentrations Monitored at 200-PW-1 Soil Vapor Extraction Sites FY 2001 - FY 2006

	W18-6L/ 208 ft Z-1A   X-1A   X	W18-12/198 ft Z-18	W15-220SST/ 185   Z-9		W15-9L/ 176 ft Z-9 16.9	W15-229L/ 175 ft   Z-9	W15-219SST/ 155   Z-9	W15-95L/ 144 ft   Z-9	W18-248/ 131 ft Z-1A	W18-249/ 130 ft Z-18	W18-158L/ 120 ft   Z-1A	W15-220SST/ 118   Z-9	CPT-24/118ft. Z-9	W18-165/ 109 ft   Z-1A	CPT-4F/ 109 ft   Z-1A	W18-167/ 106 ft   Z-1A	W15-8U/ 103 ft Z-9	W18-252SST/ 100   Z-1A   W18-152/ 101 ft   Z-12	W15-85/91ft Z-9	CP1-4A/91 ft	CPT-1A/ 91 ft Z-12	CPT-4B/ 90 ft   Z-1A	W15-218SST/ 86 ft Z-9	W15-95U/ 86 ft	CPT-21AV 86 ft Z-9	CPT-33/80 ft	CPT-81/76 ft Z-12	CPT-4A/ 75 ft   Z-1A   Z-0	W15-219SST/ 70 ft   Z-15	CPT-24/70 ft Z-9	CPT-30/ 68 ft	CPT-1AV 66 ft Z-12	CPT-16/65 ft Z-9 not meas	CPT-28/60 ft Z-9	W15-220ST/ 52 ft   Z-9   Z-9	2PT-21A/ 45 ft	OPT-33/40 ft Z-18	CPT-1A/35 ft Z-12 CPT-28/40 ft Z-9	2-1A 3-17-27/33 ft Z-1A	2PT-30/ 28 ft   Z-18   2PT-13A/ 30 ft   Z-1A	SPT-32/25 ft Z-1A	2PT-16/25 ft Z-9	27T-4AV 25 ft Z-1A	2-9 Z-18/15ft Z-9	2FT-16/ 10 ft	35-14/5ft Z-9	35-11/5 ft Z-9 45-12/5 ft Z-9	4-02/5ft Z-9	77-05/ 6 ft Z-1A	36-06-01/5ft Z-9	15-05/5ft Z-9	والخاء	sgo	
				90100		1	+	-	306 1	Т	53			278		297 1	П	25.7 1	П	Т		3.2			186 6			7.1	7.1	77	+	5.5 12	Τī	56.5 6		П	23 12		Т	2.6 12	П	П	3.4	Т			-						rebound	onde
				20.0	13.		6.8		12 18:		33	27.5		12 328 6 444		12 243		20.7			0	10	73.5		206			4.7	1.9	4.7			4.2		1.5 35.9			lo lo	3.9		8.3	2		2.4									(ppmv)	Carbon Terracinoride
			-1			35 0	Τ	Π		T		l		j o		6		о О					3 N		15		П	<u> </u>		访		TT	n ch		15 1		11	$\sqcap$	Т	တ တ	П	56.0	П	<b>5</b> 1 55									chounce	2
				- 1	13.1 21				180 6	1				205 6 458 21	П	266 6		12.4 6					258 27		244 21							TT	450 21	$\top$	35.9 21				9.5 6 2.7 21	<b>2)</b> C	5 6	2.6 21	$\top$	9.0 21 2.4 21	П								(ppmv) rebound	Californ Latractaction of
				20.0 21	T	23 27	1	_			3	П	15.3 27	ŀ								П	258 27		244 27		T	8.3 27	5.7 22	9,1 27		П	4,2 27 150 27		35.9 27		T		1.9 0 2.7 27			3.6 27		9.9 27 2.5 27	П								(pprŋv)	Calibora Lander House
					2.1 5			Γ	249 9					35.2 9			П	16.0					246 5		209 5					'n		13.7 9	6.7 5 170 0	68.3 O	32,4 5	7.9 0	3.9 9	14.0 9 5.4 0	4.4 9 8.4 5	8.3 9	20.00	4,4	24 9	11.4 5 3.1 5									(ppmv) rebo	Oct. Doi: 10t. Doi: 10t.
	3.0					1.9			9 67.0			25.2		5 16.1		9 174	10.4						245		223	8.1		0		3.9			5.5	4.3	29.2		20	17.2	1.8	4.1	3	1,6	1.5	2.5									und (ppmv) rebound	C. Carron Carron Carron
П	6		T		1	3 (		l	ယ		Ť		1	တယ	1	3	6			1		П	0			6	П	ω	*	3			တမ		o	,			11	ω (	11	o	1.	၈၀									rebounc	

# Attachment 4, Figure 7

### Carbon Tetrachloride Rebound Concentrations Monitored at 200-PW-1 Soil Vapor Extraction Sites October 2004 - December 2005

200-PW-1	1		-							· · · · · · · · · · · · · · · · · · ·	·						
(200-ZP-2)		11/17/2004	12/20/2004	01/19/2005	02/24/2005	03/10/2005	03/18/2005	05/05/2005	05/26/2005	06/23/2005	08/04/2005	08/19/2005	09/26/2005	10/25/2005	11/01/2005	11/28/2005	12/20/2005
Location	Site	11/1//2004	12/20/2004	01/18/2003	02/24/2003	03/10/2003	03/10/2003	03/03/2003	03/20/2000	0012012000	00/04/2000	00/10/2000	00/20/2000	10/20/2000	1410 172000	11120/2000	TETEOTEOGO
(Well or Probe)	1.0116	CCI4	CCl4	CCI4	CCI4	CCI4	CCI4	CCI4	CCi4	CC14	CCI4	CC14	CCI4	CCI4	CCI4	CCl4	CCI4
/feet bgs	╁┈┈	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(vmqq)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
CPT-17/ 10 ft	Z-9	5.5	5.3		7.1	(hbr.11.1)	11.4	(661.14)	(191411197	(PP/	2,5	2.1	(n)	(n)	1.4	1.2	1.2
CPT-18/ 15 ft	Z-9	0.0	1.5		0	-	0			<del>                                     </del>	0	0	0	0		0	0
CPT-4E/ 25 ft	Z-1A				<u>-</u>		J	2.4	1.9	1.8	1.5	1.3	ō				
CPT-16/ 25 ft	Z-9	1.1	4.4	2.3	2,0		2.0		1.0	1.5	1,2	1.0	1,2	1.6		1.2	1.4
CPT-32/ 25 ft	Z-1A	Ö	1,7		5.5		8.0	8.6	6.6	6,8						1.1	3.4
CPT-30/ 28 ft	Z-1A	Ö	1.3		1.6		0.0	0.0	. 0					1.2		0	1.1
GPT-13A/ 30 ft	Z-1A	3.0	0		2.5		8.3	6.6	1.5		3,9	3,3	3.2	3.6		4.1	3.9
CPT-7A/ 32 ft	Z-1A	1.5	2.2		2.9		4.4	3,2	2.6		2.3	2.2	2.1	2.3		2.7	2.2
CPT-27/ 33 ft	Z-9	1.3	8.4		3.2		2.2				1.2	1.0	1.0	1.8		0	0
CPT-1A/ 35 ft	Z-12	4.7	14.0		11.3		4.3	6.0	11.1	9.2	6,6	6.6	9.2	17.2		9.1	3.6
CPT-28/ 40 ft	Z-9									5,4		Ì			· .		
CPT-33/ 40 ft	Z-18							3.9	1.1	1,9							
CPT-34/ 40 ft	Z-18							3.0	1.1	1.9	2.0	1.7	1.4	1.8			
CPT-21A/ 45 ft	Z-9								7.4								
CPT-9A/ 50 ft	Z-9	39.4	48,4	48.4	46.4		50.8	50,3	53.9			44.0	51.8	52,8		50.9	50.6
CPT-9A/ 60 ft	Z-9	32.4	27.5	29,2	30.6		30.7	11.6	31.8	30.5	18.3	18.0	29.2	25.5		21.2	18.6
CPT-28/ 60 ft	Z-9							68.3	68.0	60,0							
CPT-C3872 / 61 ft	Z-1A	1.1	4.4		7.6		9,9	11.8	14.6					4.0		4.3	3.7
CPT-9A/ 64 ft	Z-9	20.1	2.8	26.1	19.8		35.4	31.5	39.1	36.8		36.6	38.6	38.6		36.9	36.9
CPT-16/ 65 ft	Z-9	3.5	6.7	4.9	5.1		5.2				4.7	4.3	5.5				
CPT-21A/ 65 ft	Z-9	79.9	146	143	161		166	170	153		167	153	147	151		137	140
CPT-1A/ 68 ft	Z-12	1					•	6.2	13.7	2.0							
CPT-24/ 70 ft	Z-9									ļ	3.9	3.6	3.8				
CPT-32/ 70 ft	Z-1A							5.5	3.4	4.5							
W15-219SST/ 70 ft	Z-9										L						
CPT-18/ 75 ft	Z-9						1				0	0	0				
W15-82/ 83 ft	Z-9	(i)	(i)	(i)	95.8	30.6	(k)	005			1.7	4.9	7.6	8.1		1,4	(m)
CPT-21A/ 86 ft CPT-28/ 87 ft	Z-9 Z-9	179 231	184 223	191 227	209 245		208 246	205	204 238			187 216	209 230	208 241		196 219	(p) 224
W18-152/ 101 ft	Z-12	10.4	12.3	14.6	13.3		16.0	14.8	13.2			216	230	12.7		14.2	14.5
W15-8U/ 103 ft	Z-12 Z-9	10.4	12.3	14.6	10.0		30.0	14.0	13.4	10.4	n	1.3	6.8	10.4		2,6	5.1
W18-167/ 106 ft	Z-1A	(i)	(i)	~~~ (i)	37.4		20.4	26.7	20.2	196.0		1.0	0.0	63.1		174	(m)
CPT-4F/ 109 ft	Z-1A	(1/				<u> </u>		7.8	7.7					. 00.1			
W18-165/ 109 ft	Z-1A	(i)	(i)	(i)	35.2		15.0	22.2	30.8					65,1		394	220
W15-217/ 114 ft	Z-9	(i)	(i)	(i)	39.6		374				11.2	0	15.9	16.1		1.7	B.4
CPT-24/ 118 ft	Z-9	XC	XX XX.			.,, ,,					20.4	14.7	23.9				
W15-220SST/ 118 ft	Z-9										23.1	21.3	25.2				
W18-249/ 130 ft	Z-18	(i)	51.5	52.2	33.7		64.9	55.3	36.5	36.8			·	22.5		22.0	12.2
W15-219SST/ 130 ft	Z-9				· ·												* .
W18-248/ 131 ft	Z-1A	(1)	(l)	(i)	70.5		249	173	169	155				67.0		23.1	(m)
W15-95L/ 144 ft	Z-9	(i)	(1)	(i)	26.7		24.8				2.4	15.9	15.8	15.8		16.7	19.0
W15-219SST/ 155 ft	Z-9														ļ		
W15-220L/ 163 ft	Z-9										13.2	12.9	12.0				
W15-219L/ 175 ft	Z-9	ac-				,					. 0	0	1.9				
W15-9L/ 176 ft	Z-9	(i)	(i)	(i)	2.1		(j)				0	0	1.6	4.0		0	0
W15-84L/ 180 ft	Z-9	22.0	18.0	22.0	16.1	23.0	(k)			<del>-</del>	(m)	(m)	(m)	6.0		0	
W15-46/ 217 ft	Z-9	(h) D = 2		.		00.6			<del>Marine de la compositorio de</del> Perest		0	0	1.9	3.0	(o)	U	
		(h) Depths to									<u> </u>						
		The other two			ig 64 ft) could	not be correl	ated to origina	is depths (70 a	unu 91π);								
	-	these two pro (i) Unable to s			lad :					-	<del></del>						<u>-</u>
		(i) Unable to s (j) Unable to s				ort cross well	oovei oimpies	tigetion			l	• .			-		
		(k) Sampled o							nic investiget	ion							
		(m) Unable to					riginicatifid Ct	000-4400 90191	ino miresugal	10.11	<b> </b>						
		(n) Unable to					naired and sa	moled on 11/	1/2005								
		(o) On 10/25/								ed to a deoth	of 173 ft.						
		(p) Unable to				- Coppioniile		Journ of	,								
		(F) CHARLE TO	F 1 OP: 00011	pio.													

# Carbon Tetrachloride Concentrations Monitored at 200-PW-1 Passive Soil Vapor Extraction Wells October 2004 - December 2005

200-PW-1			<del></del>		<del></del>		<del></del>	<del></del>	<del>,</del>					<del>, , , , , , , , , , , , , , , , , , , </del>
(200-ZP-2)	10/11/2004	11/15/2004	12/29/2004	1/21/2005	2/28/2005	3/18/2005	5/5/2005	5/31/2005	6/22/2005	8/17/2005	DIDEIDDOE	40/40/2005	44/00/0005	12/15/2005
V	10/11/2004	11/15/2004	12/29/2004	1/21/2000	212012000	3/10/2003	0/0/2000	5/31/2005	6/22/2005	8/17/2005	9/26/2005	10/19/2005	11/23/2005	12/15/2005
Location									· .					
(Well or Probe)	CCI4	CCI4	CCI4	CCI4	CCI4	CCI4	CCI4	CCI4	CCI4	CCIA	CCI4	CCI4	CCI4	CCI4
/feet bgs	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
W18-6L/ 208 ft	8.6	20.3	21.2	21.1	18.4	22.9	23.2	17.0	13,4	15.0	24,4	19.8	(b)	(b)
W18-7/ 197 ft	18.6	21.6	20.8	6.8	24.6	23.1	21.9	5.0	19.0	0	0	. 0	9.2	11.7
W18-10L/ 183 ft	4.3	4.0	10.0	5.9	11.6	12.2	7.6	2.8	2.3	0	9.2	8.4	11.6	4.0
W18-11L/ 199 ft	0	4.8	6.9	2.5	2.8	7.3	6.7	1.6	2.0	1.2	9.0	0	5.9	0
W18-12/ 198 ft	1.4	1.7	8.1	0.	5.2	9.9	5.6	0	0	1.9	2.4	0	1.6	. 0
W18-246L/ 170 ft	14.7	21.1	20.7	16.8	19.7	22.0	21.1	8.1	9.8	25.3	9.5	13.0	(b)	(b)
W18-247L/ 167 ft	0	0	4.6	0	4.4	6,4	6,4	0	9.3	7.8	. 2.2	0	0	2.4
W18-252L/ 175 ft	0	13.3	16.8	1.4	14.4	18.0	11.3	0	14.8	0	16.9	0	(b)	(b)
p														
ļ								(b) in use by	v Vista Engir	eering for cr	oss-well seis	smic investiga	ation	

# 200 AREA UNIT MANAGERS' MEETING SOURCE OPERABLE UNITS AND FACILITIES STATUS

1200 Jadwin/Rm 1-C1 January 19, 2006

### **SOURCE OPERABLE UNITS STATUS**

### 200-PW-1, 200-PW-3, & 200-PW-6

 A TPA change notice (TPA-CN-146) for M-013-00L, was signed by the parties on January 3, 2006 to move the risk assessment activities from the Remedial Investigation (RI) report to the Feasibility Study (FS). (Attachment 8)

200-TW-2 & 200-PW-5 (no change)

200-CW-1 & 200-CW-3 (no change)

### 200-PW-2 & 200-PW-4

Incorporation of FH review comments is ongoing for the FS and proposed plan. The
decisional draft is slated to go for RL review in February. The documents are on
schedule to meet the April, 2006 milestone. Closure plans are undergoing FH review
and will be submitted to meet the April, 2006 milestone.

### 200-CS-1

- FS on schedule for Draft A submittal on March 31, 2006.
- PP on schedule for Draft A submittal on March 31, 2006.
- Closure Plans on schedule for Draft A submittal on March 31, 2006.
- Ecology noted that a briefing meeting is scheduled for the first week of February.

200-CW-5, CW-2, CW-4, & SC-1 (no change)

**Ecological Risk Assessment (no change)** 

### 200-IS-1 & 200-ST-1

- Decision logic presented to Ecology for data needs. Ecology is reviewing logic.
- Waiting for Ecology's consultant to provide comments on the classical vs Baysian approach to gathering data.

### 200-LW-1/200-LW-2

RI Report is on schedule to support the 2/28/2006 TPA Milestone date.

### 200-MW-1

- RI Report is on schedule to support the 4/30/2006 TPA Milestone date.
- A TPA change notice (TPA-CN-147) for M-013-00L, was signed by the parties on January 3, 2006 to move the data quality assessment and evaluation, risk assessment, and fate and transport modeling of the 216-A-4 Crib from the RI report to the FS (Attachment 9).
- EPA noted that the potential for a water line leak in the south PUREX area needs to be addressed by DOE-RL.

### 200-UR-1 (no change)

### 200-SW-1/2

- Phase-1 geophysical investigations involving EM, magnetometer and GPR surveys were completed on the eight, older/inactive burial grounds (~64 acres total) in 200 East and West Areas. An investigations summary report was recently finalized and has been routed for approval signatures
- Historical records research for the 22 Bin 3A and Bin 3B waste sites continues.
   Records have been assembled for each burial ground, and (where possible) on per trench and per waste package basis. The best, currently-available data is being used to support a mini-DQO process for non-intrusive investigations.
- DQO workshops have been held since mid-November and will likely continue through January. These collaborative workshops include participants from FH, DOE-RL, Ecology and EPA. Progress has been made on DQO steps 1 through 6; current efforts are focused on the final step (sample design – DQO step 7).
- Data Management Plan annotated outline has been drafted; informal/collaborative review with RL and Ecology task leads will be requested in January.

### **BC Cribs and Trenches**

- FFS and PP, Draft A, formal comments were transmitted by EPA on 8/4/05. Responses to EPA comments were transmitted 9/8/05.
  - DOE met again with EPA on 11/2/05 to continue discussions regarding remedy selection. Met again 12/13.
  - Letter from RL to EPA offered potential to excavate near-surface contamination under some conditions.
- Status was presented to the HAB on January 11. Path-forward is being developed.

- Surface contamination observed at the 216-B-31 Trench last August resulted in increased survey frequency. Survey last week found additional contamination at the 216-B-33 Trench. Both "events" appear to be related to surface erosion (Attachment 6, Figures 1-4).
- Larry Romine (DOE-RL) stated that funding for BC Cribs was limited and that funding will be sufficient to obtain the ROD. EPA clarified their expectation that the current schedule will be kept and that funding for this project needs to be maintained.

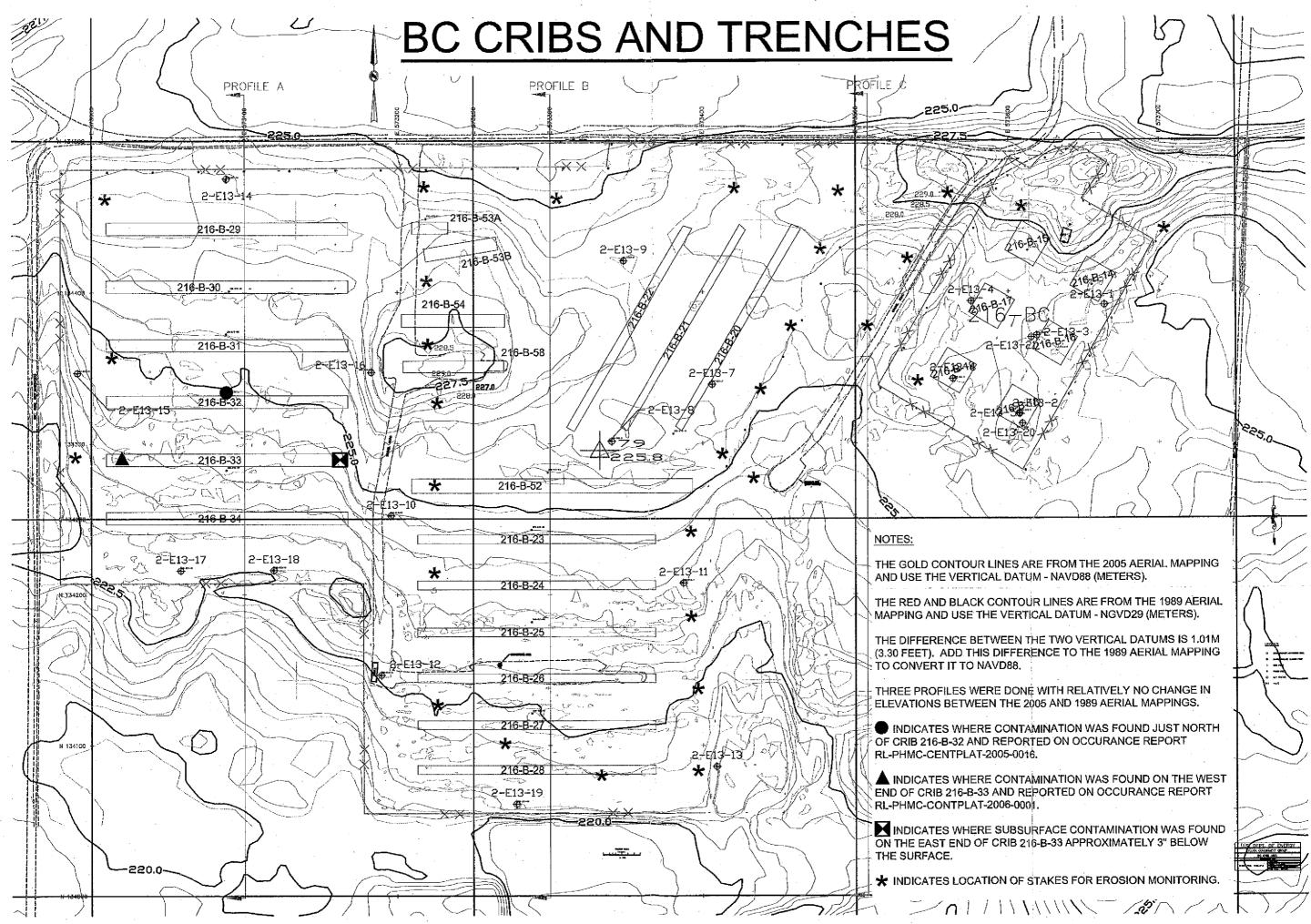
### 200-UW-1

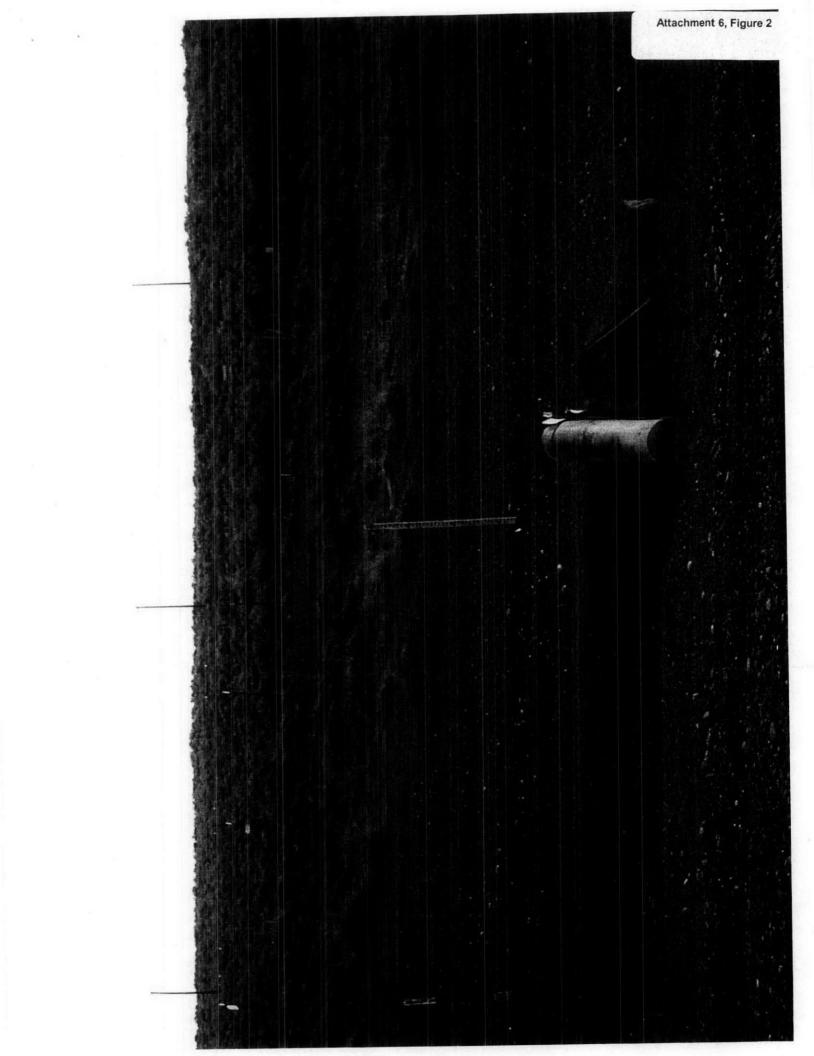
- Time Critical Removal Action (TCRA) RAWP for accelerated removal of piping and interferences associated with installing the proposed barriers on high-risk waste sites 216-U-8 and 216-U-12 was approved by Ecology on 1/3/09. Field work kickoff was held on 1/9/06.
- Tri-party review of Record of Decision (ROD) began on 12/6/05. Delay of approval beyond 1/2/06 compresses RDR/RAWP preparation and approval schedule.
- Draft ROD red line strike out from EPA Region 10 expected week of 1/9/06
- Draft Responsiveness Summaries made available for review on 12/22/05. Tri-party reviews being completed in parallel with Draft ROD.
- Public comment period for TPA Change Request for reclassifying Crib 216-U-12 to a Past Practice unit was completed on 11/21/05.
- A proposed change for 200-U-12 Barrier Design was discussed. Additional discussions are anticipated before placement.
- Haul Road construction into borrow area began on 10/24 but was shut down in early December due to weather. Limited work is being completed as weather permits.
- Ecology stated that they were waiting for DOE to present how they will address treatability investigations, whether through an M-015-00 milestone or the 200-UW-1 OU Record of Decision (ROD). EPA suggested addressing the investigations in the ROD.

### **FACILITIES STATUS**

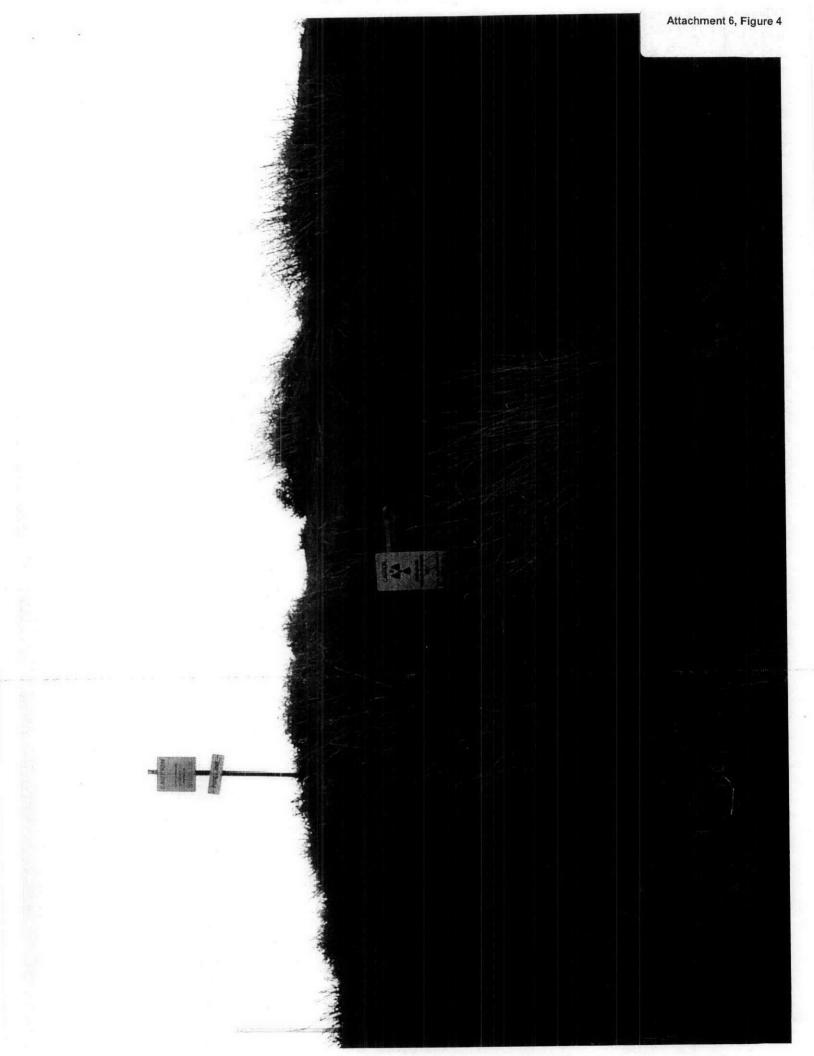
- Facility Binning (no change)
- Miscellaneous Facility D&D Completed demolition of MO-936 on 12/9/05 as a mockup training exercise for D&D crews preparing for D&D of the Plutonium Finishing Plant's 232-Z Building.
- B-Plant Stack Although EPA and WDOH had earlier approved downgrade of this stack to a minor emission unit, it lastly required a significant modification to the Air Operating Permit (AOP) prior to full implementation. The public comment period for the AOP modification ended 11/9/05. Following the public comment period, WDOH sent a letter to RL, dated 1/6/06, denying the downgrade. A path forward to answer the two concerns expressed in WDOH's letter is being developed.

- PUREX Stack A request to downgrade this stack to a minor emission unit is under review by EPA and WDOH. The results of a deep bed filter/aerosol test performed the week of 8/29/05 to provide a current basis for the request were documented in a report that was transmitted to the regulatory agencies at the first of December 2005. One of the concerns expressed by WDOH in their 1/6/06 letter to RL denying a similar request for the B-Plant Stack also affects the downgrade of the PUREX Stack.
- 209E, B-Plant, U-Plant, PUREX and REDOX Ventilation Transition from continuous ventilation to intermittent ventilation first discussed with WDOH on 5/19/05.
   A Notice of Construction (NOC) application for 209E was transmitted to WDOH 10/28/05.









### Issue Resolution Meeting Agreements and Issues List January 19, 2006 200 Area Unit Managers' Meeting

### Issue: Assigning New WIDS Entries (e.g., Pipelines) to OUs – (Ecology)

Issue Statement: Ecology noted that ORP/CH2M Hill are having pipelines added to WIDS; Ecology feels a strategy is needed for pipelines that are not assigned to soil site OUs.

Issue Actions: Ecology will also discuss the concern with Tank Farms. Parties need to work on a strategy. Specific actions were captured in the Action Item List to support reaching resolution at or shortly following the next UMM.

Issue Status: The MP-14 procedure is scheduled for signature by the parties at the TPA Milestone Review meeting scheduled for January 24, 2006.

Issue Resolution: TBD

**Agreement:** A TPA change notice (TPA-CN-146) for M-013-00L, *DOE/RL-2001-01*, *Plutonium/Organic-Rich Process Condensate/Process Waste Group Operable Unit RI/FS Work Plan: Includes the 200-PW-1, 200-PW-3, and 200-PW-6 Operable Units*, was signed by the parties on January 3, 2006 to move the risk assessment activities from the Remedial Investigation (RI) report to the Feasibility Study (FS). (Attachment 8)

**Agreement:** A TPA change notice (TPA-CN-147) for M-013-00L, *DOE/RL-2001-65*, 200-MW-1 Miscellaneous Waste Group Operable Unit RI/FS Work Plan, was signed by the parties on January 3, 2006 to move the data quality assessment and evaluation, risk assessment, and fate and transport modeling of the 216-A-4 Crib from the RI report to the FS (Attachment 9).



# Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records

Change Number	Document Submitted Under	Date:
TPA-CN-146	Tri-Party Agreement Milestone M-013-00L	12/27/05
	E/RL-2001-01, Plutonium/Organic-Rich Process Operable Unit RI/FS Work Plan: Includes the	Date Document Last Issued: 04/07/2004
200-PW-1, 200-PW-3, and 200-PW		

Description of Change: The work plan is being changed to (1) move risk assessment activities from the Remedial Investigation (RI) report to the Feasibility Study (FS); and (2) allow the remaining dispersed carbon tetrachloride vadose zone plume investigation results from the 218-W-4C Burial Ground to be reported in the FS rather than in the RI report. The U.S. Department of Energy, Richland Operations Office (RL) (B. L. Foley/L. D. Romine) and the U.S. Environmental Protection Agency (EPA) (D. A. Faulk) agree that the proposed change modifies an approved work plan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records, and not Chapter 12.0, Changes to the Agreement.

5.2.6 Remedial Investigation Report: In this section of the work plan, page 5-8, delete "and evaluating risks through a QRA." The affected page is attached.

5.2.6.1 Data Quality Assessment. In this section of the work plan, p. 5-8, add the following sentence: "The results and DQA for the dispersed carbon tetrachloride vadose zone plume Step II investigation at the 218-W-4C Burial Ground will be included in the FS." The affected page is attached.

5.2.6.3 Risk Assessment. In this section of the work plan, page 5-10, last sentence in the section, change "...in the RI and FS reports" to "...in the FS report." The affected page is attached.

5.2.6.3.1 Human Health Risk Assessment: In this section of the work plan, page 5-10, change "RI report" to "FS." The affected page is attached.

Justification and Impacts of Change:

A critical aspect of the remedial investigation of the 200-PW-1 OU representative site (216-Z-9 Trench) is being conducted as part of the "Alternatives for Carbon Tetrachloride Source Term Location" project ("DNAPL investigation") under separate contract to DOE-RL. The report on this part of the investigation will be issued as a separate report by the contractor conducting the investigation (anticipated in April 2006). In addition, key data will be collected as part of the 200-PW-1 remedial investigation during drilling of the slant well beneath the 216-Z-9 Trench (data to be available in June 2006). Although the data from both projects will be available for inclusion in the RI report (TPA Milestone M-015-45A, due October 31, 2006), the data will not be available in time to support completing the risk assessment in the RI report. The risk assessment will be incomplete without the DNAPL investigation and Z-9 slant well characterization results. Therefore, the project managers agree that the risk assessment will be included in the FS (TPA Milestone M-015-45B, due September 30, 2007) rather than the RI report. Moving the risk assessment from the RI report to the FS will have no impact on the outcome of the RI/FS process.



### Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records

Justification and Impacts of Change: (continued)			
Initial investigation activities have been conducted at the be conducted following retrieval of the retrievably stored M-91-40, retrieval of the RSW in trench T-04 will be com investigation activity cannot be completed in time for the 45A, due October 31, 2006). Moving the data quality ass will have no impact on the outcome of the RI/FS process.	waste (RSW) i pleted by 12/31 results to be in	n trench T-04. In ac /06. Based on this s cluded in the RI rep	schedule, data from this ort (TPA Milestone M-015-
	•	•	
Approvals:			
Fm R Manager M M M	12/27/05 Date	Approved	Disapproved
Lead Regulatory Onit Manager*	1/3/06 Date	Approved	Disapproved

### DOE/RL-2001-01 REV 0

target detection limits for those analytes are provided in Table 2-1 in the DQO SAP (Appendix E).

Soil vapor samples collected during borehole drilling at the representative sites, during borehole drilling for the DNAPL investigation, and during the investigation of the dispersed carbon tetrachloride vadose zone plume will be analyzed for carbon tetrachloride and selected volatile degradation products based on the representative waste site, DNAPL, and dispersed carbon tetrachloride plume DQO processes and as defined in the associated SAPs (Appendices B, C, D, and E of this work plan). The list of analytes, methods, and associated target detection limits are provided in Table B-10 of the representative sites SAP (Appendix B), Table 2-1 in the dispersed carbon tetrachloride plume SAP for the Step I investigation (Appendix C), Table D-5 in the dispersed carbon tetrachloride plume SAP for the Step II investigation (Appendix D), and in Table 2-2 in the SAP for the DNAPL investigation (Appendix E).

Groundwater samples collected during the Step II investigation of the dispersed carbon tetrachloride vadose zone plume will be analyzed for carbon tetrachloride based on the dispersed carbon tetrachloride plume DQO process and as defined in the associated SAP (Appendix D of this work plan). The list of analytes, methods, and associated target detection limits is provided in Table D-6 in the dispersed carbon tetrachloride plume SAP for the Step II investigation (Appendix D).

### 5.2.6 Remedial Investigation Report

This section summarizes data evaluation and interpretation subtasks leading to the preparation of an RI Report. The primary activities include performing a data quality assessment (DQA); evaluating the nature, extent, and concentration of contaminants based on sampling results; assessing contaminant fate and transport; <u>and</u> refining the site conceptual contaminant distribution models.

5.2.6.1 Data Quality Assessment

A DQA will be performed on the analytical data to determine if the data are the right type, quality, and quantity to support the intended use. The DQA completes the data life cycle of planning, implementation, and assessment that began with the DQO process. For this task, the data will be examined to determine if they meet the analytical quality criteria outlined in the DQO and to determine if the data are adequate to evaluate the decision rules in the DQO. The results and DQA for the dispersed carbon tetrachloride vadose zone plume Step II investigation at the 218-W-4C Burial Ground will be included in the FS.

### 5.2.6.2 Data Evaluation and Conceptual Contaminant Distribution Model Refinement

This task will include evaluating the information collected during the investigation. The acquired chemical and radiological data will be compiled, tabulated, and evaluated to gain as much information as possible to satisfy the data needs. Data evaluation tasks may include the following:

Deleted:; and evaluating risks through

- 3. DOE will follow the required regulatory processes for groundwater remediation (including public participation) to establish the points of compliance and remedial action objectives. It is anticipated that groundwater contamination under the core zone will preclude beneficial use for the foreseeable future, which is at least the period of waste management and institutional controls (150 yr). It is assumed that the tritium and iodine-129 plumes beyond the core zone boundary will exceed the drinking water standards [40 CFR 141, "National Primary Drinking Water Regulations"; 40 CFR 142, "National Primary Drinking Water Regulations Implementation"; 40 CFR 143, "National Secondary Drinking Water Standards"; and DOE Order 5400.5, Radiation Protection of the Public and the Environment] for the period of the next 150 to 300 yr (less for the tritium plume). It is expected that other groundwater contaminants will remain below, or be restored to, drinking water levels outside the core zone.
- 4. No drilling for water use or otherwise will be allowed in the core zone. An intruder scenario will be calculated for in assessing the risk to human health and environment.
- Waste sites outside the core zone but within the Central Plateau (200 North Area, Gable Mountain Pond, B/C Crib Controlled Area) will be remediated and closed based on an evaluation of multiple land-use scenarios to optimize land use, institutional control cost, and long-term stewardship.
- 6. Other land-use scenarios (e.g., residential, recreational) may be used for comparison purposes to support decision making, especially for the following:
  - The post-institutional controls period (>150 yr)
  - Sites near the core zone perimeter to analyze opportunities to "shrink the site"
  - Early (precedent-setting) closure/remediation decisions.
- 7. This framework does not deal with the tank retrieval decision.

These items form the basis for the OU risk assessments to be conducted in the FS report.

Deleted: RI and
Deleted: s

### 5.2.6.3.1 Human Health Risk Assessment

For the 200-PW-1, 200-PW-3, and 200-PW-6 OUs, a quantitative, baseline human health risk assessment for the representative sites will be prepared, as part of the FS report, to evaluate risk to human receptors from potential exposure to contaminants in accessible surface sediments and shallow subsurface soils. The risk assessment also will evaluate the potential for contaminants currently in the vadose zone beneath the waste sites to impact groundwater in the future. The risk assessment also will evaluate the potential risks associated with the dispersed carbon tetrachloride vadose zone plume and the distribution of DNAPL carbon tetrachloride. Risks from current groundwater contamination will not be evaluated; this evaluation will be conducted as part of the RI/FS process for the groundwater OUs.

In the <u>FS</u> report, the risk assessment of the waste sites will focus on the representative sites, because data collected through the RI at these sites are sufficient to allow quantification of risk. The risk assessment will follow the risk guidelines identified through the Risk Framework workshops as documented in the Tri-Parties response to the HAB advice (Klein et al. 2002).

Deleted: RI

Deleted: RI



### Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records

Change Number	Document:	Submitted Und	ler	Date:	
TPA-CN-147		reement Miles -013-00L	tone	12/27/05	
Document Number and Title: DOE/RL-2001-65, 200-MW-1 Misce Work Plan	llaneous Waste Group	Operable Un	it RI/FS	Date Document Last Issued: 06/03/2002	
Originator: M. E. Todd-Robertson		Phone:	373-3920		
Description of Change: The work pl Crib, an identified representative site if assessment, and fate and transport mod The U.S. Department of Energy, Richl	or the Operable Unit (edeling), from the RI rep	lements include ort to the Feasi	e data quality a bility Study (F	assessment, data evaluation, risk	
Protection Agency (EPA) (C. E. Came processed in accordance with the Tri-I 12.0, Changes to the Agreement.	oron) agree that the prop Party Agreement Action	posed change in Plan, Section 9	odifies an app 9.0, <i>Document</i>	proved work plan/document and will be tation and Records, and not Chapter	
5.2.5 Remedial Investigation Report: will be performed as part of the RI rep for the 216-U-3 French Drain, 216-T-3 part of the feasibility study preparation	ort preparation" to "Th 33 Crib, 216-T-13 Tren	ese activities wa ch, and 200-E-4	ill be performe French Drain	ed as part of the RI report preparation  1. These activities will be performed a	1
		,			.5
, Justification and Impacts of Change	<u>.</u>				
RL initiated drilling of a borehole at the Miscellaneous Waste Group Operable Drilling commenced in July 2004, who bgs. Drilling was stopped and replant 2005; activities were subsequently half the 216-A-4 Crib is required prior to a time involved in gaining a better under in obtaining the characterization data of data are included. By deferring the 21 milestone (M-015-44A) can remain in RI report to the FS will have no adversariance.	e Unit RI/FS Work Plant en contamination levels ing activities were initi- ted in each effort due a completing the remedial restanding of the crib, in does not support completion 6-A-4 Crib evaluation tact. Moving the data of	(DOE/RL-200) c exceeded antic ated. Drilling a gain to higher th investigation ar identifying an a etion of the TPA to the FS, effort evaluation, risk	i-65), which wipated levels in activities resumman anticipated the crib and in appropriate part Milestone for son the FS casessment, and in appropriate part of the FS casessment, and in the FS casessment, and in the FS casessment, and in the FS cases son the FS	vas approved by the EPA in July 2002, in the borehole at approximately 23 ft ned in March 2005 and again in May I contamination levels. Replanning at for the 200-MW-1 Operable Unit. The oth forward for the characterization, and the 200-MW-1 RI Report if 216-A-4 in proceed, while the RI Report	t. e 1d.
Approvals:	4	<del></del>			$\dashv$
IMR Man Strength RE Unit Manager* Must be	for nich	12/27/06 Date 05	∠/Approv	vedDisapproved	
Care Cerre Lead Regulatory Unit Manager*	·oc	1/3/06 Date	Approv	vedDisapproved	

### Remedial Investigation/Feasibility Study Process

contaminant fate and transport; refining the site conceptual models; and evaluating risks through a qualitative risk assessment (QRA). These activities will be performed as part of the RI report preparation task for the 216-U-3 French Drain, 216-T-33 Crib, 216-T-13 Trench, and 200-E-4 French Drain. These activities will be performed as part of the feasibility study preparation task for the 216-A-4 Crib.

- **5.3.5.1 Data Quality Assessment.** A DQA will be performed on the analytical data to determine if they are the right type, quality, and quantity to support their intended use. The DQA completes the data life cycle of planning, implementation, and assessment that began with the DQO process. In this task, the data will be examined to see if they meet the analytical quality criteria outlined in the DQO and are adequate to evaluate the decision rules in the DQO.
- **5.3.5.2 Data Evaluation and Conceptual Model Refinement.** This task will include evaluating the information collected during the investigation. The nonradiological and radiological data obtained from the boreholes will be compiled, tabulated, and statistically evaluated to gain as much information as possible to satisfy data needs. Data evaluation tasks may include the following:
- Graphically evaluating the data for vertical distribution of contamination within each specific borehole
- Stratifying the data and computing basic statistical parameters such as mean and standard the deviation for individual levels (when sufficient data are available). This evaluation can be a provide an indication of contaminant distribution
- Constructing contour diagrams and variograms to evaluate spatial correlations within each stratum. This evaluation will indicate whether or not contamination is concentrated in a particular area (e.g., near the influent end for trenches)
- Performing statistical tests on the data to evaluate the presence or absence of contamination. There are many facets to this step, including determining the distribution of the data and selecting the appropriate statistical tests. The initial screening for contamination should evaluate the data with respect to background, by using simple comparisons of an upper bound of the data to background concentrations (e.g., *Model Toxics Control Act* tests), or through more complex comparisons, such as nonparametric hypothesis tests (e.g., Wilcoxon Rank Sum Test). These tests may also compare the data to appropriate cleanup levels.

All of these statistical evaluations will aid in refining the conceptual model for this OU and selecting the remedial alternative. However, because the sites within the 200-MW-1 OU represent point-source types of releases, statistical analysis may not always be possible. Single boreholes are planned at the representative sites, and if the resulting data are not sufficient for statistical analysis, maximum or average concentrations will be used in the data evaluation process.

Data on the soil physical properties will be used to determine the soil type, which will assist in choosing the proper unsaturated hydraulic conductivity/moisture retention curve. Identification

## 200 Area Unit Managers' Meeting OPEN ACTION ITEMS & TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned	Original	Adjusted	Date	Status
				Date	Due Date	Due Date	Complete	
53	Review original TPA and early change packages for better understanding on requirements for 2008 M-015 milestone; mock up change package to provide clarification of requirements to meet 2008 milestone to be included in next modification to M-015	Ali - Williams	All	02/17/05	TBD	TBD		Clarification waiting for next M-015 change pkg.
53a	Provide clarification wording for M-015 completion criteria at next meeting. Discuss TPA Milestone wording for M-15-00C Draft A of RI/FS.	All - Williams	All .	04/21/05	07/30/05	TBD		FH - Williams working on change package
60	Finalize Central Plateau Facility Binning Report, DOE/RL-2005- 54	RL/FH - Romine	EPA/Ecology	04/21/05	05/19/05	TBD		EPA wants buildings in TPA before they will sign binning report.
64	Determine solution to adding pipelines not associated with an OU into WIDS with only a TBD in the OU field versus needing to link them to Waste Management Areas (WMAs).	All - Stults	All	08/18/05	09/15/05	TBD		MP-14 procedure to be signed 1/24/06.
64a	Discuss with ORP (Janet Badden of CH2M) drafting necessary TPA changes.	Ecology - Stults	All	08/18/05	09/15/05	01/13/06		See action 64 status
65	Ecology	DOE - Tortoso	Ecology	9/15/2005	10/20/2005	TBD		Waiting on Ecology legal
65a	Ecology will send place holder letter to DOE	Ecology-Price	RL	12/15/2005	1/19/2006			Waiting on Ecology legal
66	Schedule meeting on 200-UP-1 RI Report Historical Data Analysis & COPCs	Ecology - Price	RL	10/20/05	11/17/05			Jeannie will bring discuss mtg. with John Price.
68	200-UP-1 Ecology set up meeting to discuss rebound study	Ecology - Zelma	RL/FH	12/15/05	01/19/06	<del></del>		Scheduled
69	monitoring sampling	DOE - Tortoso	Ecology	12/15/05	01/19/06			Mark Byrnes can email to John Price
70	200-ZP-1 meeting to discuss bioremediation test plan viability	FH - Byrnes	EPA/Ecology	12/15/05	01/19/06			Complete

# DISTRIBUTION UNIT MANAGERS' MEETING, 200 AREA GROUNDWATER SOURCE OPERABLE UNITS

DOE/RL	
Steve Bertness	A6-39
Bryan Foley	A6-38
Larry Romine	RMIS
Arlene Tortoso	RMIS
EPA	
Craig Cameron	B1-46
<u> </u>	
Ecology	
Brenda Jentzen	RMIS
Tina Masterson-Heggen	H0-57
John Price	H0-57
Jennie Stults	H0-57
Jean Vanni	H0-57
FH	
Lanny Dusek	RMIS
Gloria Cummins	RMIS
Bruce Ford	RMIS
Jane Borghese	E6-35
Mark Byrnes	RMIS
Virginia Rohay	RMIS
L. Craig Swanson	RMIS
Mary Todd-Robertson	E6-35
Hady Toda Roootwolf	E0 55
CHG	
Curt Wittreich	RMIS
Care Wittercon	107110
PNNL	
Stuart Luttrell	K6-96
Diagramatical Control of the Control	120-70
Administrative Record (2)	H6-08
Correspondence Control	A3-01
Collection Colling	110 01

Please inform Dee Goodson – FH (373-4456) of deletions or additions to the distribution list.